

AMENDMENT TO THE CLAIMS

Replace the claims with the following rewritten listing:

1. (Currently Amended) A signal processing unit comprising:
at least two inputs; and
at least two early pattern generators for defining a predefined early pattern generation,
each of said at least two early pattern generators being connected to at least one of said at least two inputs,
each of said at least two early pattern generators establishing an output having N directional components,
each of said N directional components of said outputs being added to form at least one signal having N directional components;
the signal processing unit further comprising:
a direction rendering unit with an input for at least one of said at least signal having N directional components, said direction rendering unit establishing P channel output signals on an output of the direction rendering unit corresponding to input signals having N directional components;
a circuit having S inputs and P outputs, S being at least two and said S inputs being connected to said at least two inputs, said P outputs comprising a P-channel late reverberation signal; and
a summing unit for adding said late reverberation signal to said established P-channel output signals of said direction rendering unit.

2. (Cancelled)

3. (Currently Amended) The signal processing unit according to claim 21, wherein said P channel output signals are established in such a way that said P channel output signals correspond to a P-channel trans- or bin-aural representation of said at least one signal having N directional components.

4. (Currently Amended) The signal processing unit according to claim 21, wherein said P channel output signals are established in such a way that said P channel output signals correspond to an experience-based P-channel representation of said at least one signal having N directional components.

5. – 14. (Cancelled)

15. (New) A method of establishing a room response on the basis of an input signal feed through a signal processing unit comprising:

at least two inputs; and

at least two early pattern generators for defining a predefined early pattern generation,

each of said at least two early pattern generators being connected to at least one of said at least two inputs,

each of said at least two early pattern generators establishing an output having N directional components,

each of said N directional components of said outputs being added to form at least one signal having N directional components;

the signal processing unit further comprising:

a direction rendering unit with an input for at least one of said at least signal having N directional components, said direction rendering unit establishing P channel output signals on an output of the direction rendering unit corresponding to input signals having N directional components;

a circuit having S inputs and P outputs, S being at least two and said S inputs being connected to said at least two inputs, said P outputs comprising a P-channel late reverberation signal; and

a summing unit for adding said late reverberation signal to said established P-channel output signals of said direction rendering unit.